

# PLACER COUNTY BUILDING DEPARTMENT

## PUMPKINS & CHRISTMAS TREE

### SALES LOTS

#### 1996 EDITION NATIONAL ELECTRIC CODE

[www.placer.ca.gov/building/building.htm](http://www.placer.ca.gov/building/building.htm)

The following is a summary of minimum electrical requirements for Christmas Tree Sales Lots.

#### PERMITS:

An inspection shall be requested after all work is completed and ready for use. Energizing of electrical services will NOT be authorized until all work is completed and ready for use. Where service poles and drops are installed, they must comply with the minimum requirements for customer owned **permanent** service poles as shown in PG&E Electric and Gas Service Requirements book or online @ [www.pge.com/greenbook](http://www.pge.com/greenbook). It is permitted to feed back up service poles to supply overhead wiring.

#### OVERHEAD CLEARANCES (NOT SERVICE DROP):

Tree sales areas may be considered as accessible to pedestrians only, requiring 10' clearance above ground. Where specific areas are set aside for driveways, parking, and truck loading, etc., a minimum clearance of 18' will be required (per NEC Section 225-18). Supporting poles for lights shall be 4"x4" minimum dimension.

#### CONDUCTORS:

Conductors on poles shall have a separation of not less than 1 foot where not placed on racks or brackets (per NEC Section 225-14(d)).

When conductors are mounted on insulators or on insulating supports attached to rack, brackets or other approved means the spacing between conductors for 300V circuits, may be 3 inches as per Section 225-14 & 230-51(C).

Lamp holders are required to be weatherproof (See Section 225-24) and supply conductors to be of THW, TW, etc..., type (approved for wet location). For spans greater than 40 ft., messenger cables will be required to support lighting conductors and sockets, and the messenger wire shall be supported by strain insulators. The minimum wire size overhead festoon lighting conductors shall be not less than #12 AWG, Copper, (See Section 225-6,-13) overhead distribution conductors shall not be smaller than #10 AWG for spans up to 50 ft., and #8 for longer spans.

#### GENERAL:

Overcurrent protection for conductors will be based on the current carrying capacity of conductors in free air. Receptacle outlets shall be of the grounding type and shall have the grounding terminal effectively grounded. Where such receptacles are mounted on poles, a grounding conductor shall be run from the service panel with circuit conductors. Ground-fault circuit interrupters will not be required. Metallic risers on poles shall be grounded and provided with a protective cover. All equipment located out-of-doors shall be weatherproof or installed in rain resistant enclosures.

1. PROVIDE BUSINESS LICENSE APPLICATION .

2. PROVIDE APPROVALS FROM PLANNING and DPW.

3. COMPLETION                      OF                      PLOT                      PLAN/LOT                      LAYOUT

# PLACER COUNTY BUILDING DEPARTMENT PUMPKINS & CHRISTMAS TREE SALES LOTS

## PLOT PLAN/LOT LAY OUT

NAME: \_\_\_\_\_ PERMIT NO. \_\_\_\_\_

ADDRESS \_\_\_\_\_ APN: \_\_\_\_\_

MAX LENGTH FESTOON LIGHTING: \_\_\_\_\_ LINEAR FEET

PLEASE INDICATE BELOW SERVICE LOCATION, LOT SIZE, SUPPORT LOCATION, PARKING AREA



THE ABOVE WILL BE COMPLETE AND INSPECTED PRIOR TO ENERGIZING SERVICE

I HAVE READ SHEET (1) AND COMPLETED SHEET (2) AND UNDERSTAND ALL THE REQUIREMENTS:

SIGNED:

\_\_\_\_\_